

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-8 (Cancelled)

Claim 9 (Currently Amended): ~~Device for performing the method in accordance with Claim 1, characterized in that a predisposition is sprayed by means of A device for producing a finely divided dispersion, comprising:~~

at least two nozzles for spraying a predisposition,
at least two pumps, wherein each of said nozzles have an associated pump, and
each having an associated pump and feeding into a grinding chamber surrounded by a
reactor housing, wherein the predisposition can be fed onto a common collision point and the
dispersion can leave the grinding chamber through an opening in the reactor housing,
wherein the collision point in the device is surrounded by balls onto a common
collision point and the dispersion leaves the grinding chamber through an opening in the
reactor housing.

Claim 10 (Currently Amended): ~~Device~~ The device according to Claim 9,
~~characterized in that~~ wherein the nozzles can be aligned with a common collision point.

Claim 11 (Currently Amended): ~~Device~~ The device according to Claim 9,
~~characterized in that~~ wherein the nozzles are composed of oxides, carbides, nitrides, diamond or mixtures thereof.

Claim 12 (Currently Amended): ~~Device~~ The device according to Claim 9,
~~characterized in that~~ wherein the nozzles have bores having a diameter of 0.5 – 2000 μm .

Claim 13 (Currently Amended): ~~Device~~ The device according to Claim 9,
~~characterized in that~~ wherein the nozzles are identical in their chemical composition with the substance to be dispersed or become identical as a result of chemical reaction under the dispersion conditions.

Claim 14 (Currently Amended): ~~Device~~ The device according to Claim 9,
~~characterized in that~~ wherein the collision point is surrounded by ~~a material~~ said balls that is are disposed in such a way that, in the event of a misalignment of the nozzles, the predispersing jet collides with said balls ~~material~~.

Claim 15 (Currently Amended): ~~Device~~ The device according to Claim 14,
~~characterized in that~~ wherein the ~~material~~ balls surrounding the collision point ~~is~~ are identical in its chemical composition to the substance to be dispersed or becomes identical as a result of chemical reaction under the dispersion conditions.

Claim 16 (New): The device of claim 9, wherein the balls are arranged in a form of a tetrahedron around the collision point.